

January 5, 2009

ECOLOGICAL TANKS, INC.  
JAMES K. CRAFT  
2247 HWY 151 N  
DOWNSVILLE LA 71234

Re: Description: SEWAGE TREATMENT SYSTEMS, AERATED (also see SEWAGE TREATMENT APPARATUS)  
Manufacturer: ECOLOGICAL TANKS, INC.  
Product Name: AQUA SAFE  
Model Number(s): AS500 AND AS500EZ (500 GPD)  
Product File No: 20080354

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of January 2014.**

This approval is contingent upon compliance with the following stipulation(s):

- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- The maximum daily wastewater flow, which may discharge through this product, is 500 gallons per day.
- When this product receives wastewater from dwellings, it will produce an effluent quality with a maximum monthly average value for BOD5 of less than or equal to 30 mg/L, TSS of less than or equal to 30 mg/L TSS and F.O.G. of less than 30 mg/L.
- This product must be installed with the optional 20" diameter Poly Riser terminating at or above finished grade.
- The maximum depth of the treatment tank of this product is 30 inches.
- Table 1 Maintenance, Inspection, Pumping Requirements  
PRODUCT/ (Models) AQUA SAFE AS500 AND AS500EZ (500GPD)  
Initial/Startup Inspection/ Maintenance routine inspection/servicing within the first 2 years by qualified/trained person; periodic cleaning of air filter in the aerator compressor  
Ongoing Pumping Cycle And/Or Requirements solids removal on a 2- 5 yr. cycle dependant on instructions of qualified/trained person  
Back-Wash Cycle N/A  
Effluent Performance Levels NSF-40 Class I  
BOD5 Credit For Downsizing Distribution Area YES  
Fecal Credit For Reduction Of Vertical Separation NO  
Additional Comments none

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- Installation and bedding: level sand bottom to prevent settling; free of rocks and sharp objects; installation location between building sewer and septic tank.

This approval supersedes the approval issued on 9/5/2003 under product file number 20030480

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Jean M. MacCubbin, CST  
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